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STAM S.r.l.

Davide Ottonello

STAM
MASTERING EXCELLENCE



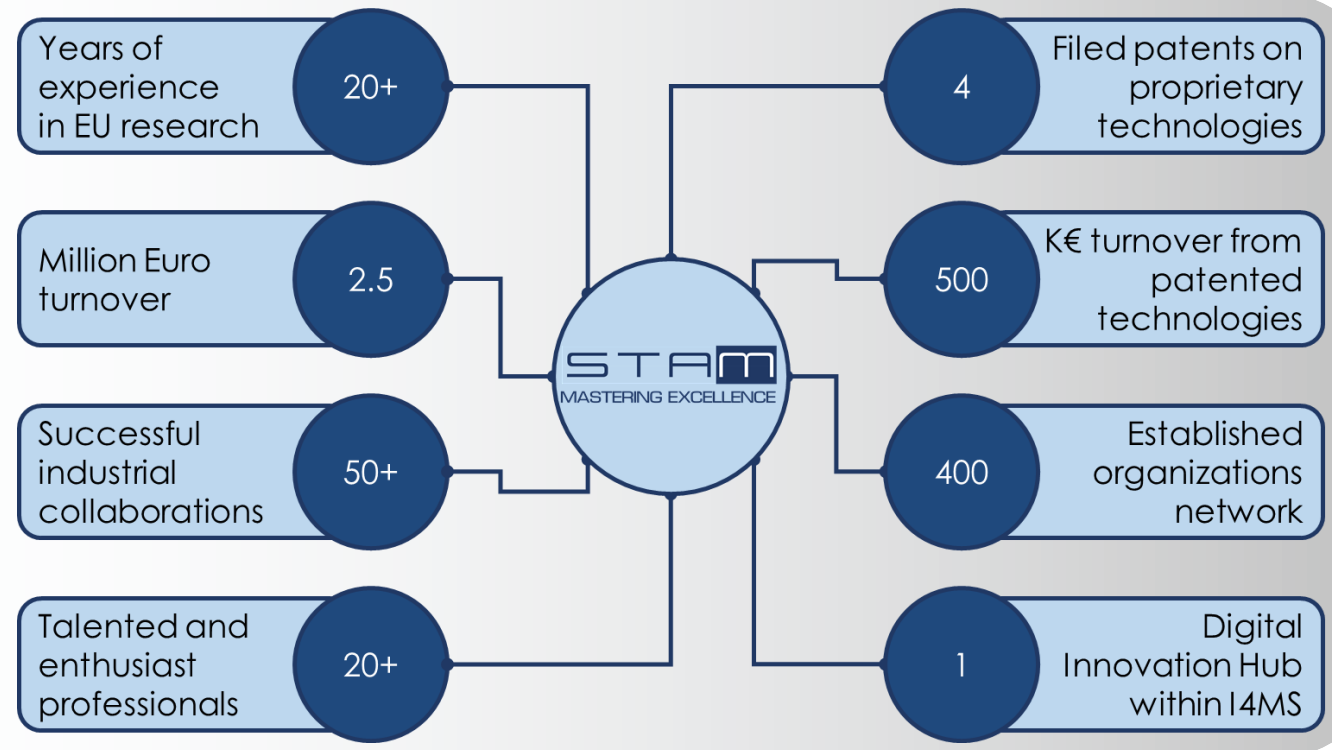


MASTERING EXCELLENCE

<http://www.stamtech.com>

ENGINEERING R&D SME

- Italian company established in Genoa in 1997
- With offices also in Bari, Rome and Pula



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SECURITY & TRANSPORT



SPACE



ENERGY



AUTOMATION & ROBOTICS





- MG-2-11-2020:** Network and traffic management for future mobility
- MG-4-8-2020:** Advanced research methods and tools in support of transport/mobility researchers, planners and policy makers
- MG-4-9-2020:** The European mobility culture of tomorrow: Reinventing the wheel?
- DT-ART_05-2020:** Efficient and safe connected and automated heavy-duty vehicles in real logistics operations

CALLS

WHAT STAM CAN OFFER

TECHNOLOGIES AND COMPETENCES

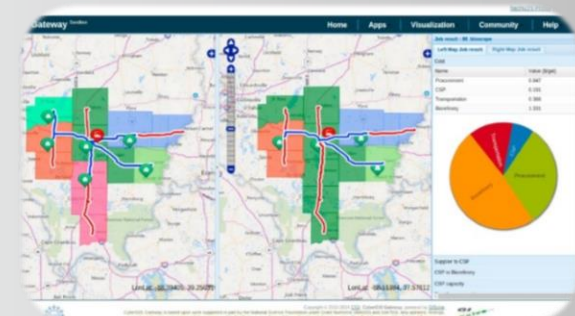
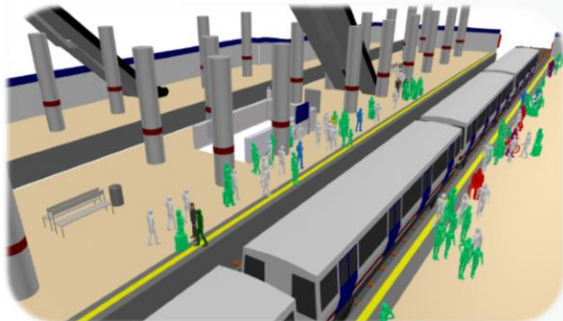
Agent-based modelling and simulation of **multi-modal** transport networks to develop, test and assess:

Transport demand and supply optimization strategies

Traffic management strategies under several scenarios (including disasters)

Automated fleets technologies for costs and emissions reduction in logistics operation

Alternative mobility solutions and policies for the cities of the future



INVOLVEMENT OF

- Public Local Transport organization of a big city
- Metro operator sharing most of the stations with the national Railway network
- Interconnected Airport organization



- ❑ **LC-MG-1-12-2020:** Cities as climate-resilient, connected multimodal nodes for smart and clean mobility: new approaches towards demonstrating and testing innovative solutions
- ❑ **LC-MG-1-13-2020:** Decarbonising long distance shipping
- ❑ **LC-MG-1-15-2020:** Towards global environmental regulation of supersonic aviation

CALLS

WHAT STAM CAN OFFER

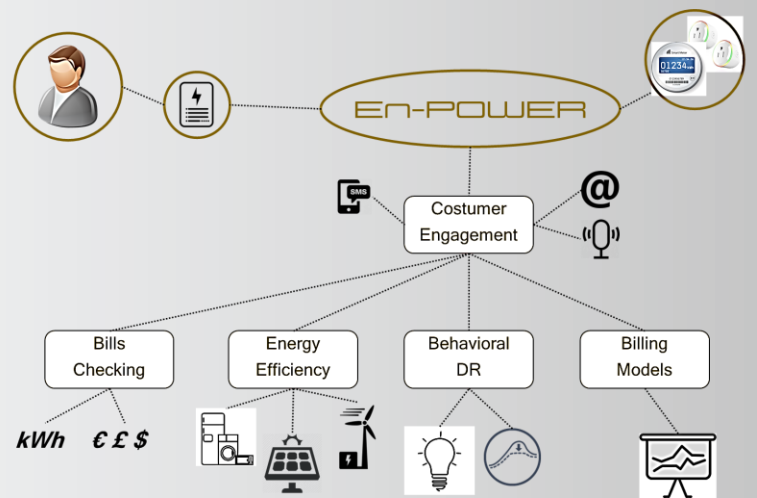
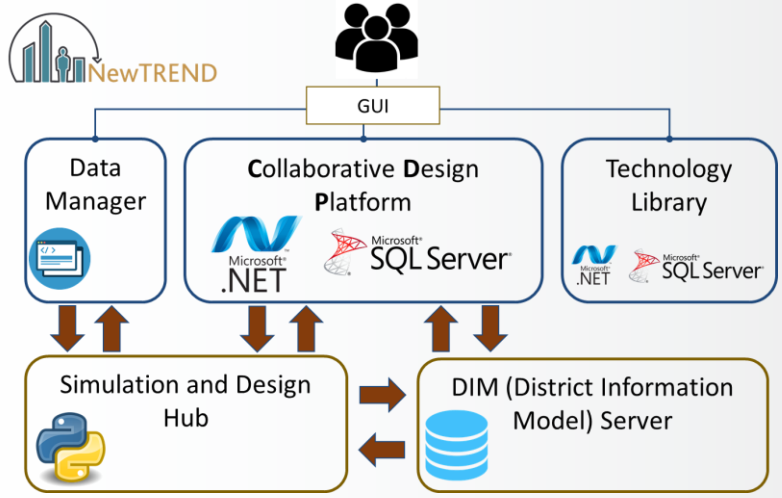
TECHNOLOGIES AND COMPETENCES

Innovative HW+SW system for multi-objective optimization for Energy Efficiency

AI-based tool based on Big Data analysis for optimization of costs emissions

Collaborative Design Platform for energy retrofitting projects at district level

LCA, Energy modelling and planning, EMS and EV tools



INVOLVEMENT OF

- ❑ Public Local Transport organization
- ❑ Italian municipalities and DSOs
- ❑ Cruises operator
- ❑ Airport demos
- ❑ ESCOs



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Thank you for your
attention!

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